

**Project Ref. No. EEQ/2019/000714**

**Date: Mar 1 , 2021**

Applications are invited from eligible Indian national for one Junior research fellow (JRF) in a time bound SERB sponsored project undertaken in the Department of Computer Science and Engineering.

<b><u>Temporary Position</u></b>	<b><u>Junior research fellow – 1</u></b>
<b>Essential Qualification</b>	<b>MS/ME/MTech in Computer Science and Engineering, Electrical Engineering or equivalent degree with minimum of 65% mark. There could be relaxation for SC/ST candidate as per the norm. GATE qualified candidates are preferred.</b>
<b>Project Title</b>	<b>Intelligent Test and Reliability Architecture for Extreme Low-power IoT Sensor Nodes</b>
<b>Sponsoring Agency</b>	<b>DST-SERB, MHRD, Government of India</b>
<b>Consolidated monthly Salary</b>	<b>Rs. 31,000 + HRA per month</b>
<b>Principal Investigator</b>	<b>Dr. Jaynarayan T Tudu</b>
<b>Department/Centre</b>	<b>Computer Science and Engineering</b>
<b>Tenure of Assignment</b>	<b>1 year, extendable another 1 years subject to satisfactory performance.</b>
<b>Desired Experience</b>	<b>Programming in C/C++, Python, and Verilog/VHDL, Basic knowledge of Digital VLSI and Microprocessor.</b>
<b>Nature of the Work</b>	<b>The project expect a research aptitude and a system development capabilities in Internet of Things domain. The projects requires a research to design an energy-ware online Design-for-Test solution. The project requires to setup an in-field experiment.</b>
<b>Age Limit</b>	<b>28 Years (Relaxed for exceptional candidates)</b>
<b>Last date application</b>	<b>March 15, 2021</b>
<b>Notes on COVID</b>	<b>Given the current situation of pandemic due to COVID, the project work shall be carried out in a flip mode till the situation gets normal. The candidate is expected to have good internet connectivity and a Computer system to carry out the assigned task.</b>

Eligible candidates may send a **detailed CV (maximum 2 pages)** specifying the qualifications and experience on or before **March 15, 2021** to [jtt@iitp.ac.in](mailto:jtt@iitp.ac.in) (Dr. Jaynarayan T Tudu, Dept. of Computer Science and Engineering, IIT Tirupati).

The shortlisted candidates will be informed by **E-mail only**. Selection will be based on the qualification, experience and interview. **The interview and other logistics will be conducted via online only**. The interview date will be notified to the shortlisted candidates by email. Candidate may appear in the interview through video conferencing. IIT Tirupati reserves the right to reject any or all the applications without assigning any reason thereof.

**Registrar**